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Date: April 29, 1997

Attorney  
 Docket No.: CSDL1-490XX

65912 U.S. PTO

PATENT APPLICATION

Patent Commissioner for Patents  
 Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the **patent application** of:

**Inventor:** Marc S. Weinberg, Steven T. Cho, Ralph E. Hopkins III, Lance C. Niles, Anthony S. Kourepenis, Eric M. Hildebrant and Paul A. Ward

**Entitled:** TRENCHES TO REDUCE CHARGING EFFECTS AND TO CONTROL OUT-OF-PLANE SENSITIVITIES IN TUNING FORK GYROSCOPES AND OTHER SENSORS

Enclosed are:

- [X] 3 sheets of informal drawings (one set)
- [ ] an Assignment of the invention to:
- [ ] a Certified copy of a \_\_\_\_\_ application
- [ ] a Verified statement re small entity status (\$1.9 and \$1.27)
- [ ] Information Disclosure Statement
- [ ] Continuation-in-part application of Application No. \_\_\_\_\_, filed \_\_\_\_\_.
- [ ] Priority under 35 USC §119(e) is claimed of the following provisional application(s).

(Application Number)

(Filing Date)

(Application Number)

(Filing Date)

(Application Number)

(Filing Date)

(Application Number)

(Filing Date)

- [ ] The above-identified provisional application(s) is/are assigned of record to:

- [ ] The claim to small entity status in the above-identified provisional application(s) is made in this application and a copy of the Small Entity form(s) from the provisional application(s) is/are enclosed.

65912 U.S. PRO  
08/841224  
04/29/97

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application : Marc S. Weinberg, et al.  
Filed : Herewith  
For : TRENCHES TO REDUCE CHARGING EFFECTS AND  
TO CONTROL OUT-OF-PLANE SENSITIVITIES IN  
TUNING FORK GYROSCOPES AND OTHER SENSORS  
Attorney's Docket : CSDL1-490XX  
\*\*\*\*\*  
Express Mail Mailing Number: EM020164105US  
Date of Deposit - April 29, 1997

I hereby certify that the following items are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and as addressed to BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231:

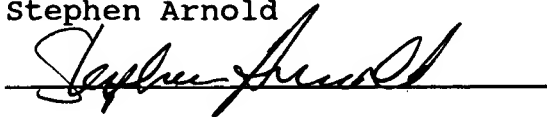
U.S. Patent application of Marc S. Weinberg, Steven T. Cho, Ralph E. Hopkins III, Lance C. Niles, Anthony S. Kourepenis, Eric M. Hildebrant and Paul A. Ward entitled: TRENCHES TO REDUCE CHARGING EFFECTS AND TO CONTROL OUT-OF-PLANE SENSITIVITIES IN TUNING FORK GYROSCOPES AND OTHER SENSORS, which claims benefit under Title 35, U.S.C. §119(e) consisting of

Specification includes:

PP, 1 through 10 of Abstract through Detailed Description;  
PP 11 through 14 of claims 1-20 together with a Declaration and Power of Attorney (signed) by Steven T. Cho, and unsigned by Marc S. Weinberg, Ralph E. Hopkins III, Lance C. Niles, Anthony S. Kourepenis, Eric M. Hildebrant and Paul A. Ward thereof, and a cover letter in triplicate.

Drawings as follows (one copy informal): 1st sheet of Fig. 1 & 2; 2nd sheet of Fig. 3; and a 3rd sheet of Fig. 4.

The above items are deposited with signatures and dated by the filing attorney as appropriate.

Stephen Arnold  


CLG/HWA/89003  
\*\*\*\*\*

**TRANSMITTAL FORM FOR FILING PATENT APPLICATION (CONTINUED)**

Attorney  
Docket No.: CSDL1-490XX

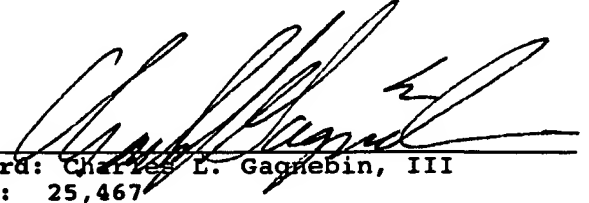
☐ \_\_\_\_\_ is hereby appointed Associate Attorney by:  
Registration No.:

Attorney of Record:  
Registration No.:

☒ Other: Delaration and Power of Attorney signed by Steven T. Cho.

CLAIMS FILED:	MINUS BASE:	EXTRA CLAIMS:	RATE:	BASIC FEE:
				\$770.00
Independent	3 - 3	=	x \$80.00 =	0.00
Total	20 - 20	=	x \$22.00 =	0.00
<input type="checkbox"/> Multiple Dependent Claims (1st presentation)			+ \$260.00 =	0.00
SUBTOTAL FILING FEE				
Small Entity filing, divide by 2. (Note: verified statement must be attached per \$1.9, \$1.27, \$1.28.)				
TOTAL FILING FEE				\$770.00

- ☐ The filing fee has been calculated above; a check in the amount of \$ \_\_\_\_\_ is enclosed.
- ☒ The filing fee will be submitted at a later date.
- ☒ The Commissioner is hereby authorized to charge payment of any additional filing fees under \$1.16 associated with this communication or credit any overpayment to Deposit Account No. 23-0804. Note, unless the adjacent box is X'd, no authorization is hereby given to charge additional fees.

Attorney of Record:   
Registration No.: 25,467

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